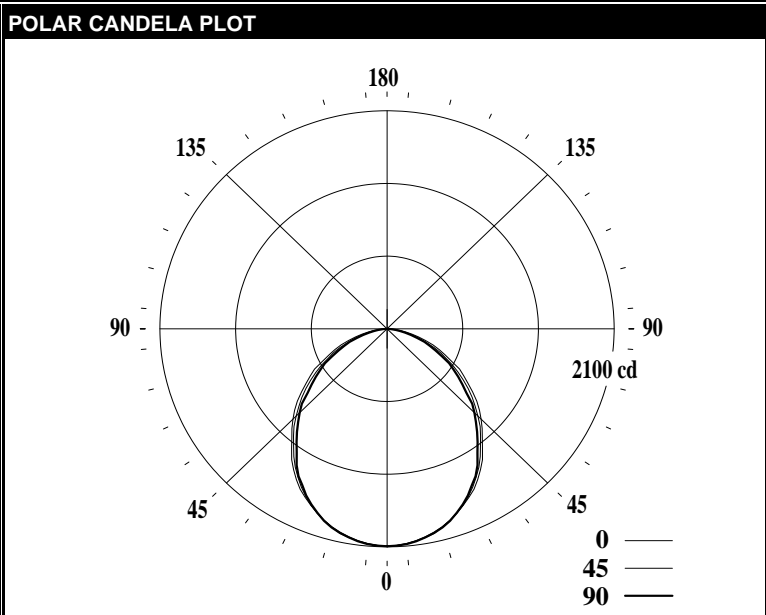


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4214x1STL85050AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 1X4 5000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5149 lm 100.0%
Input Watts:	120 VAC 47.1	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 109.3
CIE-IES Classification:	Direct	Report:	LNG00495

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2094	2094	2094	2094	2094	
5	2075	2084	2078	2082	2081	197
15	1973	1992	1977	1987	1980	559
25	1791	1814	1779	1792	1770	824
35	1539	1564	1503	1498	1457	947
45	1231	1253	1188	1170	1142	925
55	914	925	862	844	803	782
65	591	605	549	544	495	554
75	301	303	260	258	229	290
85	74	76	53	56	41	72
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



CHARACTERISTICS

RP1	None			
Direct: Peak Candela & Angle (0deg)	2094.3	0.0		
Direct: Peak Candela & Angle (90deg)	2094.3	0.0		
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.17	N/A	
Indirect: Peak Candela & Angle	N/A	N/A		
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A		
Luminous Length, Width, Height (ft)	3.90	0.91	0.00	
UGR (4H x 8H, 0.25H)	N/A			
Ballast Factor, Multiplication Factor	1.000	1.000		
DLC (120/277), DLC (347)	standard	standard		
x, y, CCT, Duv	0.3425	0.3523	5101	0.0014
CRI (Ra), R9	82		13	
120V: P(W), I(A), THD(%), PF	47.1	0.393	6.2	0.997
277V: P(W), I(A), THD(%), PF	46.9	0.173	9.7	0.976
347V: P(W), I(A), THD(%), PF	46.7	0.138	6.4	0.978

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0		
RCR													
0	119	119	119	119	116	116	116	111	111	111	100		
1	109	105	101	97	107	103	99	98	95	93	85		
2	100	92	86	80	97	90	84	87	82	77	72		
3	91	81	73	67	89	80	72	77	71	65	61		
4	84	72	64	57	82	71	63	69	62	56	53		
5	77	65	56	50	75	64	56	62	55	49	46		
6	72	59	50	44	70	58	50	56	49	43	40		
7	67	53	45	39	65	53	44	51	44	38	36		
8	62	49	41	35	61	48	40	47	40	34	32		
9	58	45	37	31	57	44	37	43	36	31	29		
10	54	42	34	29	53	41	34	40	33	28	26		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1580	30.7%	30.7%
0-40	2527	49.1%	49.1%
0-60	4234	82.2%	82.2%
0-90	5149	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	5149	100.0%	100.0%

AVG LUMINANCE (cd/m²)

	0	45	90
0	6350	6350	6350
5	6314	6323	6332
15	6193	6205	6215
25	5990	5953	5922
35	5695	5561	5393
45	5276	5095	4898
55	4830	4554	4246
65	4239	3941	3548
75	3527	3043	2683
85	2557	1854	1419

LUMINAIRE SECTION



LEDALITE

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